

AMENDEMENTS TO THE SPECIFICATION

Applicant presents replacement paragraphs below indicating the changes with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please replace the paragraph beginning at page 2, line 3 of the specification with the amended paragraph as follows:

Radio frequency linking solves many of the problems inherent in infrared linking. One protocol that defines communication between wireless devices through a radio frequency link is the Bluetooth specification. Bluetooth devices do not require a line of sight with one another to operate, and their range can be significantly greater than that of IR links. However, there are several obstacles to widespread implementation of the Bluetooth specification. Bluetooth compliant devices are generally presented to user-mode applications as serial interfaces via RFCOMM. In addition to the fact that the number of such interfaces is limited to 30 emulated RS-232 ports (the L2CAP layer is capable of supporting a much greater number of connections), there may be situations ~~[[it]]~~ in which the serial presentation itself is not desirable or even acceptable. For example, an application developer may wish to develop an application that uses a customized or proprietary protocol to communicate with another device.

Please replace the paragraph beginning at page 3, line 1 of the specification with the amended paragraph as follows:

A kernel mode primary component and user mode helper component cooperate to expose a Winsock interface to user mode components. These elements manage various Bluetooth-specific functions and operations, allowing a user mode [[user]] application to access Bluetooth functionality without providing Bluetooth-specific commands or actions. This in turn simplifies application development and deployment. For example, an application developer may distribute an application configured to exploit Winsock communications facilities, and with only minimal changes the application could access radio frequency communications links via an embodiment of the invention.

Please replace the paragraph beginning at page 19, line 4 of the specification with the amended paragraph as follows:

A bind() call is preferably used to link the created socket to the specified port. Server applications preferably call the "bind" interface with a SOCKADDR_BTH structure where the port=BTH_PORT_WILDCARD, so that the channel may be automatically specified by BTHTDI. Once a bound socket is created, it may be advertised via a complete Bluetooth SDP record, established by a call to an